

The only figure shows a schematically illustrated cut through an invention-like device.

In the drawing, a Device for the Enlargement and Exposure of digital Exposure data whose main parts consist of a Lamp 2 with a Reflector 3, Light mixer 4, an LCD-chip 5 arranged between two polarization filters 6, as well as an Enlargement optic yet to be described, is marked with the reference sign 1.

According to the invention, the enlargement optic consists of a commonly used enlargement objective 7, as well as a correction lens or correction lens system 8, arranged between the LCD-chip and the enlargement objective 7.

The correction lens or the correction lens system 8 is laid out in such a way that the light rays escaping from the LCD-chip 5 are fed evenly and centrically into the enlargement objective. Above the enlargement objective 7, a light-sensitive photo paper 9 is then exposed in the usual fashion.

For the equalization of the feeding of light, it is recommended to keep the distance between the correction lens or the correction lens system 8 and the LCD-chip 5 as short as possible. If necessary, the LCD-chip 5 with its two polarization filters 6 might even be installed directly at the mounting 10 of the correction lens or the correction lens system 8.

The drawing shows a correction lens system 8, which includes two lenses 11 and 12. Here, Lens 11 is developed as convex lens, and Lens 12 as diverging lens.

Claims

1. Device for enlarging and exposure of digital exposure data, i.e., from a PC or a digital camera, onto light-sensitive photo paper including a lamp with reflector, a light mixer, an LCD-chip arranged between two polarization filters, and an enlargement optic, **identified through the fact** that the enlargement optic consists

of a commonly used enlargement objective (7) and a correction lens or a correction lens system (8), arranged between the LCD-chip (5) and the enlargement objective (7), whereby the correction lens or the correction lens system (8) is laid out in such a way that the rays escaping from the LCD-chip (5) are evenly and centrically guided into the enlargement objective (7).

2. Device in accordance with Claim 1, **identified through the fact** that the distance between the correction lens or the correction lens system (8) and the LCD-chip (5) is very short.
3. Device in accordance with Claims 1 or 2, **identified through the fact** that the LCD-chip (5) is fastened directly at the mounting (10) of the correction lens or the correction lens system (8).
4. Device in accordance with one or more of the above claims, **identified through the fact** that the correction lens system (8) consists of two lenses (11 and 12), whereby the lens (11), turned toward the LCD-chip (5), is developed as convex lens, and the lens (12), turned away from the LCD-chip (5), is developed as diverging lens.

This will certify that the above is an accurate translation of the German original presented to me.

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